Special Issue

Recent Developments in Bio-Based and Biodegradable Plastics

Message from the Guest Editors

Due to the ever-growing need for sustainable materials and eco-friendly solutions, this Special Issue will highlight the latest advancements, innovative research, and emerging trends in the field of bio-based and biodegradable plastics. We invite researchers, scientists, and industry experts to contribute original research articles, reviews, and case studies that explore the development, application, and potential of these materials. Topics of interest include, but are not limited to, novel bio-based polymers, biodegradable plastics, environmental impact assessments of biodegradable polymers, recycling and waste management strategies associated with bioplastics, and commercial applications. By bringing together cutting-edge research and insights from leading experts, this Special Issue will provide a comprehensive overview of the current state and future prospects of bio-based and biodegradable plastics. Your valuable contributions will fuel the development of sustainable materials and promote a greener future. We appreciate your participation and encourage you to submit your manuscripts by the above deadline.

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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